

Title (en)
Improved process for preparing hydrazines.

Title (de)
Verfahren zur Herstellung von Hydrazinen.

Title (fr)
Procédé de préparation d'hydrazines.

Publication
EP 0134259 A1 19850320 (EN)

Application
EP 83107623 A 19830802

Priority
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Abstract (en)
Anhydrous hydrazine and hydrocarbyl-substituted hydrazines are efficiently prepared according to a three-step procedure, comprising a first step wherein ammonia, a primary or secondary amine, an alkali metal amide, an alkaline earth metal amide, a hydrocarbyl-substituted alkali metal amide or a hydrocarbyl-substituted alkaline earth metal amide is reacted with a chlorinating agent to produce the corresponding chloramine without co-production of an amine hydrochloride salt; a second step wherein the chloramine is reacted with a tertiary amine to produce a tertiary hydrazinium chloride; and a final step wherein the tertiary hydrazinium chloride is reacted with an alkali metal amide or an alkaline earth metal amide under anhydrous conditions to produce the desired product.

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CPC (source: EP)
C01B 21/091 (2013.01); **C01B 21/16** (2013.01); **C07C 241/02** (2013.01)

Citation (search report)
• [Y] GB 824357 A 19591125 - UNIV OHIO STATE RES FOUND
• [Y] GB 1561146 A 19800213 - OSBORG H
• [YD] EP 0027645 A1 19810429 - OSBORG HANS
• [Y] FR 2396743 A1 19790202 - POUDRES & EXPLOSIFS STE NALE [FR]

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